

VERY LARGE SCALE IMMOBILIZED POLYMER SYNTHESIS

5 ABSTRACT OF THE DISCLOSURE

10 A synthetic strategy for the creation of large
scale chemical diversity. Solid-phase chemistry,
photolabile protecting groups, and photolithography are
used to achieve light-directed spatially-addressable
parallel chemical synthesis. Binary masking techniques
are utilized in one embodiment. A reactor system,
photoremovable protecting groups, and improved data
collection and handling techniques are also disclosed.
15 A technique for screening linker molecules is also
provided.

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